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The invention is therefore based on the object to create an identification label improved in its functionality by means of a transponder unit without disadvantageous modifications to the layer structure of the identification label.

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Claims

1. An identification label with a transponder unit for surface mounting on or mounting around an object provided with a multi layered layer structure with an identification layer for optical marking, a reinforcement layer for mechanical stabilization of the identification layer, and an adhesion layer for mounting the identification label on the object, characterized in that the reinforcement layer (12, 46) serves as a substrate for arranging the transponder unit (16, 41).

2. An identification label according to claim 1, characterized in that the transponder unit (16, 41) extends in a boundary layer (21) formed between the reinforcement layer (12, 46) and the adhesion layer (13).

3. An identification label according to claim 1 or 2, characterized in that the adhesion layer (13) is covered with a deadening layer (15) and the reinforcement layer (12, 46) is provided with a

reinforcement device for mounting the identification label onto the object.

4. A base unit as a semi-finished product for producing an identification label with a transponder unit for surface mounting on or for mounting around an object, including a reinforcement layer and an adhesion layer, characterized in that the reinforcement layer (12, 46) serves as a substrate for arranging the transponder unit 30 (16, 41) in a boundary layer (21) formed between the reinforcement layer (12, 46) and the adhesion layer (13).

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5. A base unit according to claim 4, characterized in that the reinforcement layer (12, 46) is provided with a window opening (23, 43, 48) for at least proportionally accepting a chip unit (17) and the chip unit contacts an antenna coil (18, 42) made of wire (28) for forming the transponder unit (16, 41).

6. A base unit according to claim 5, characterized in that the reinforcement layer (12) is provided with additional window openings (49, 50) for accessing the contact regions (S 1, 52) of the chip unit (17).

7. A base unit according to claim 5 or 6, characterized in that the chip unit (17) is at least partially surrounded by a reinforcement device (44) surrounding the chip unit and extending in the plane of the reinforcement layer (12, 46).